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**FACSIMILE COVER SHEET**

November 9, 2004

**Receiver:** Examiner Vivek Srivastava  
(USPTO Central Fax)

**TEL #:**

**FAX #:** 703-872-9306

**Sender:** Natalie Morgan for:  
Mary Ramos Olynick

**Serial No.** 09/330,225  
**Our Ref. No.:** CISCPO86/828

**Re:** Amendment F

**Pages Including Cover Sheet(s):** 23

**Fax Contents:** Fax Cover Sheet- 1 page  
Amendment Transmittal- 1 page  
Amendment F- 21 pages

**MESSAGE:****CONFIDENTIALITY NOTE**

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**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Glen E. Lee et al.

Attorney Docket No.: CISCPO86/828

Application No.: 09/330,225

Examiner: Vivek Srivastava

Filed: June 10, 1999

Group: 2611

Title: DATA TRANSMISSION OVER  
MULTIPLE UPSTREAM CHANNELS  
WITHIN A CABLE MODEM SYSTEM

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted via facsimile to the U.S. Patent and Trademark Office, Attention: Examiner Vivek Srivastava at facsimile telephone number (703) 872-9306 on November 9, 2004.

Printed Name: Natalie Morgan

Signed: **AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir,


Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	62	MINUS	62	0	x 9 =	x 18 = 0
Independent Claims	9	MINUS	9	0	x 44 =	x 88 = 0
Total					\$	0

- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. CISCPO86).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
Mary Ramos Olynick  
Reg. No. 42,963

P.O. Box 778  
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***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

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Printed Name: Natalie Morgan

Signed: 

**AMENDMENT F**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated 9 August 2004, please consider the remarks regarding the above-identified patent application as follows.

**Claims** (not amended) are listed on page 2 of this paper.

**Remarks** begin on page 17 of this paper.